



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBH9928-2-1
Job Sheet 168651



Part No: RBH9928-2-1

Job Qty: 3 ea

Part Name: Tab Bender



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/21/17

Job Tracking No:

Due Date: 12/4/17

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBH9928-2 Rev 10 U/R IPP Rev A 17.11.15 New issue DP Verify DD/IPP Rev B 17.11.20 DWG Rev K 17.11.20 DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	3 Ea		12/2/17	0.00	0.00	Start Up Machining-3		9/18/01/12
95	Bandsaw	3 pcs		12/2/17	0.00	0.30	Bandsaw1		9/18/01/12
100	Mori Seiki	3 pcs		12/4/17	0.00	3.00	MORI NV5000-2		9/18/01/12
110	QC	3 pcs		12/4/17	0.00	0.00	QC2 Machining-3		9/18/01/12
120	QC	3 pcs		12/4/17	0.00	0.00	QC8 Machining-4		9/18/01-22
130	Brake NC	3 pcs		12/4/17	0.00	0.00	Brake NC 1		SD DAS
140	QC	3 pcs		12/4/17	0.00	0.00	QC5		38
150	Outsource	3 pcs		12/4/17	0.00	0.00	Outsource4		AT 18/02/11
160	Packaging	3 pcs		12/4/17	0.00	0.00	Packaging2		AT 18/02/11
170	QC	3 pcs		12/4/17	0.00	0.00	QC6		38
175	Packaging	3 pcs		12/4/17	0.00	0.00	Packaging3		DAS 18/02/11
180	QC21-SA	3 Ea		12/4/17	0.00	0.00	QC21		21 18/02/11

Part Op 95 - Cut blanks to 8.00"

Descriptions: 100 - 1-Machine as per folio FB 676 FOLIO REV: _____ DWG REV: _____ 2-Deburr NOTE;

Machine RBH9928-2-3 at same time

120 - Engrave T/N And / or S/N number as required Using Marktronic engraver as per DWG.

130 - -Form as per DWG. -Remove bending marks -Tumble to remove buffer marks

150 - -Issue P/O to ATG : PO 038921 -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required

JAN 31 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6B0.250X6.250	2	0	0	0

1.333

Part Specifications

Specifications could not be found.

S025654 → S032373

Plex 11/21/17 7:30 AM Dart.lajeunesse.marie

2.5

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work

F

P

Date : _____

DART
AEROSPACE
S032390

Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

AGAINST DEPARTMENT/PROCESS

Cross tube	☐	Water Jet	☐	Engineering	☐
Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
Finishing	☐	Rec/Store/Packaging	☐	Other	☐
Composite	☐	Supplier	☐		

MRB (QSI042) Approval

Disposition

Completed By

Lead hand / Supervisor
Approval VerificationQC / QA Coordinator
Approval**PART NO: RBH9928-2-1****Original Serial #: S032390****Revision:****Operation: Start up Operation 01/15/18****Change No:****Job No: 168651**

Root Cause

Environment	☐	No Re-verification	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Setup	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐

☐	Pressure/Forced
☐	Bending
☐	Centre Not Concentric
☐	Cracks
☐	Crimp/Kink/Ripple/Wave
☐	Cuffs
☐	Crushing
☐	Heat Treat
☐	Wave/Twist in Tube
☐	Marks/Chatter

FAULT CATEGORY

☐	Temperature/Cure
☐	Set-up
☐	BOM/Route
☐	Broken/Damage/Defect
☐	Inspection Incomplete/Unqualified
☐	Contamination
☐	Countersink
☐	Cut Too Short
☐	Instructions Incomplete/Unclear
☐	Drill Holes

☐	Power Loss/Surge
☐	Folio/Program
☐	Grain
☐	Weld
☐	Wrong Stock Pulled
☐	Out of Sequence
☐	Off-set
☐	Mislabeled
☐	Fit/Function
☐	Misaligned/off center

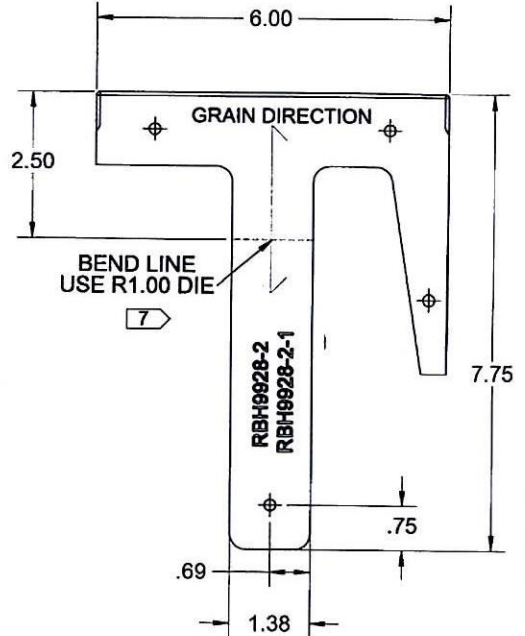
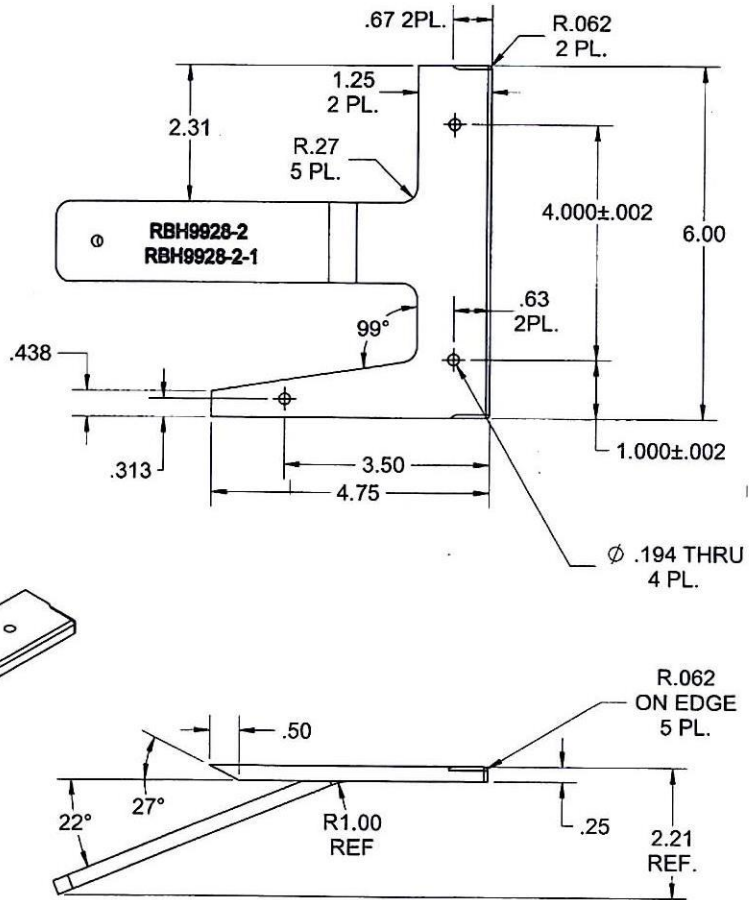
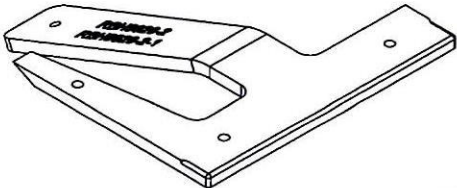
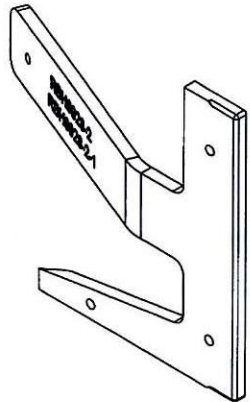
☐	Positioned Wrong
☐	Outside Dimensions
☐	Over/Under tolerance
☐	Part Incorrect
☐	Part Lost/Missing
☐	Part Moved
☐	Drawing
☐	Finish
☐	Misread
☐	Turning Sequence

OTHER :

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A



FLAT PATTERN

- NOTES:
- 1) MATERIAL: 6061-T6
 - 2) FINISH: RED ANODIZE
 - 3) HEAT TREAT: N/A
 - 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: ENGRAVE T/N & S/N, ARIAL REGULAR, 1/4" HEIGHT, 0.010" DEPTH
 - 7) NO DIE MARKS

RBH9928-2-1 TAB BENDER

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 16867 HLT
1711-21

TAB BENDER	
DWG NO. RBH9928-2-1	REV K
DESIGN BY: VM 9/22/2017	CHECKED BY: WM 11/15/2017
DRAWN BY: WM 11/15/2017	INFO. APPR: WM 11/15/2017
DATE: 11/15/2017	SCALE: NTS
WEIGHT: 0.5 LBS	SHEET 2 OF 3
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038921

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
			Roof Doubler Issue P/O to ATG : _____ Hard Anodize, Color Black and Prime as per Dwg 647.0100 Rev. A							
9	168598	RBH9928-2-1	Tab Bender -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	4 pcs	0 pcs	4 pcs	\$7.30/pcs	\$29.20
10	168599	RBH9928-2-3	Clamp -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	4 pcs	0 pcs	4 pcs	\$7.30/pcs	\$29.20
						✓ 4x		AT 18/02/11		
11	168620	RBH9928-2-1	Tab Bender -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	3 pcs	0 pcs	3 pcs	\$7.30/pcs	\$21.90
12	168622	RBH9928-2-3	Clamp -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	3 pcs	0 pcs	3 pcs	\$7.30/pcs	\$21.90
						✓ 3x		AT 18/02/11		
13	168651	RBH9928-2-1	Tab Bender -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	3 pcs	0 pcs	3 pcs	\$7.30/pcs	\$21.90
						✓ 3x		AT 18/02/11		
14	168654	RBH9928-2-3	Clamp -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	3 pcs	0 pcs	3 pcs	\$7.30/pcs	\$21.90
15	168944	RBH9928-12-3	Tab Bender -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2,	Firmed	2/9/18	1 pcs	0 pcs	1 pcs	\$7.30/pcs	\$7.30
						✓ 1x		AT 18/02/11		

DAS
38
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914608

Date: 09-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
4 ea	Part: RBH9928-2-3 Clamp Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 22470		Rev: K PO: PO038921 Line: 10
3 ea	Part: RBH9928-2-3 Clamp Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 22472		Rev: K PO: PO038921 Line: 12
3 ea	Part: RBH9928-2-1 Tab Bender Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 22473		Rev: K PO: PO038921 Line: 13 or 14
1 ea	Part: RBH9928-12-3 Tab Bender Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 22475		Rev: C PO: PO038921 Line: 15
4 ea	Part: D5227-3 Seat Track Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5 mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - 2 mils) per drawing. Job: 22465		Rev: A PO: PO038921 Line: 5
	CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Made in Canada.		

DAS
38
9-89



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446 4544

Fax: (613) 446-4556

Pack List

Number: 914608

Date: 09-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		OUR TRUCK
Quantity	Description	
	Date: <u>09/02/2018</u>	
	Certified Signature: <u>[Signature]</u>	
	Receiver Signature: _____	
A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.		
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
Made in Canada.		